52948 ✔ ACTIVE

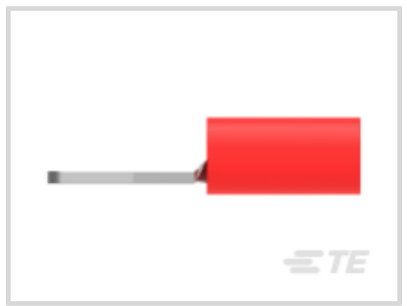
PLASTI-GRIP

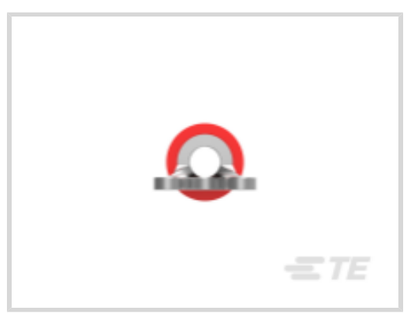
TE Internal #: 52948

Spring Spade Terminal, 22 – 16 AWG, #5 / M3 Stud, 3.18 mm [.125 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PLASTI-GRIP

View on TE.com >

Terminals & Splices > Spade Terminals

Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#5, M3**

Features

Product Type Features

Stud Size	#5, M3
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Electrical Characteristics

Voltage Rating	600 V

Body Features

Insulation Sleeve Color	Red
Stripe Color	Red

Contact Features

Spade Terminal Type	Spring Spade Terminal
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.18 mm[.125 in]
Tongue Thickness	.84 mm[.033 in]
Product Length	20.6 mm[.811 in]
Compatible Insulation Diameter (Max)	3.56 mm[.14 in]
Compatible Insulation Diameter Range	2.67 – 3.56 mm[.105 – .14 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 90 °C[0 – 194 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Industry Standards

Government Qualified Terminal	No

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 169400
CERTI-LOK FRAME W/O DIES



TE Part # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY

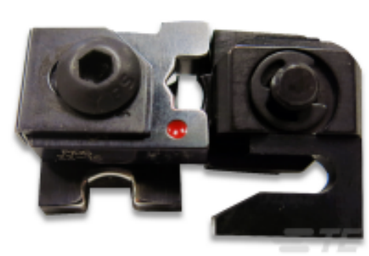


TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 525690
DAHT PG PIDG 20-18 ASSY

TE Part # 2392021-2
RED BATTERY DAHT KIT 220V (47689-4)



TE Part # 47806-2
DIES PIDG 22-16 DIE SET



TE Part # 47386-4
DAHT PG PIDG 26-16 ASSY



TE Part # 47386
DAHT PG PIDG 26-16 ASSY

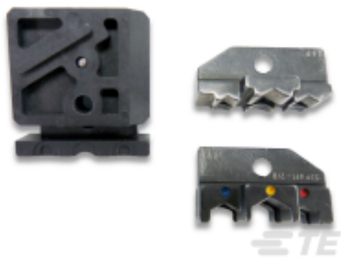


TE Part # 58423-1
DIE, RBY IS9252

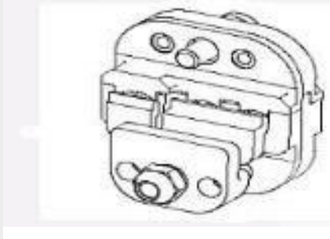


TE Part # 58433-3
PRO CR ASSY, RBY IS9252

TE Part # 2392021-1
RED BATTERY DAHT KIT 110V (47689-4)



TE Part # 539691-2
ERGO DIE R.B.Y



TE Part # 2063030-1
SDE DIESET, RBY, UL

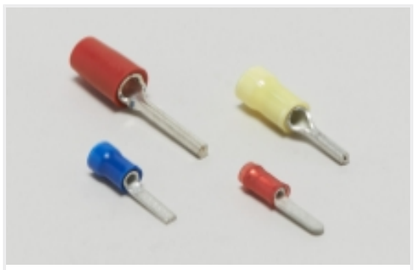


TE Part # 169404
CERTI-LOK DIE

Also in the Series | PLASTI-GRIP



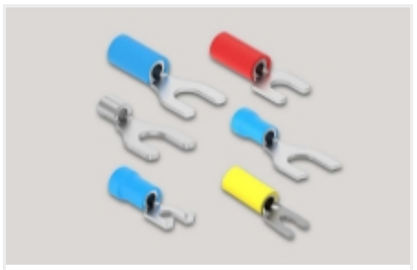
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

Customers Also Bought



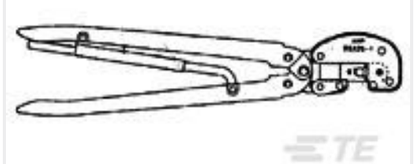
TE Part #800691-SF
FN2010B-30-08



TE Part #34109
SOLIS R 22-16 COMM 22-18MIL 10



TE Part #41124
RING .190 (4.82 MM) 12-10 AWG TPBR



TE Part #90382-2
HHHT TYPE XII 16-12 ASSY



TE Part #206227-6
23-7 RECEPT REV SEX,THRD INSRT



TE Part #321827
TERMINAL,SOLIS R 14-12 8



TE Part #321828
TERMINAL,SOLIS R 14-12 10



TE Part #350218-2
UMNL PIN 20-14 .0126AUBR



TE Part #926308-1
8P UNIV.M-N-L.CAP



TE Part #3-6609951-6
PS0SXDHXB=C4450

Documents

Product Drawings

PG SP SPD 22-16COMM22-18MIL 5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52948_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_52948_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52948_N.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

PLASTI GRIP_QRG

English

Product Specifications

Application Specification

English

Instruction Sheets

AMP* PIDG* (VINYL) & PLASTI-GRIP* SHORT SPRING SPADE TERMINALS FOR BAR

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English

UL Report

English